CLAIMS

We claim:

1.   A method, comprising the steps of:

receiving a short message service (SMS) request from a mobile station to

5   receive one or more notifications of any one or more weather alerts that occur during a

time period; and

sending a notification of a weather alert, of the one or more notifications of the

any one or more weather alerts, to the mobile station upon an occurrence of the

weather alert during the time period.

10   2.   The method of claim 1, wherein the notification of the weather alert

comprises a first notification of a first weather alert, the method further comprising the

step of:

withholding a second notification of a second weather alert from the mobile

station upon an occurrence of the second weather alert after the time period.

15   3.   The method of claim 2, wherein the step of withholding the second

notification of the second weather alert from the mobile station upon the occurrence of

the second weather alert after the time period comprises the steps of:

withholding the second notification of the second weather alert from the mobile

station upon expiration of the time period.

4.   The method of claim 1, wherein the step of sending the notification of the weather alert, of the one or more notifications of the any one or more weather alerts, to the mobile station upon the occurrence of the weather alert during the time period comprises the steps of:

5   evaluating a weather criteria profile associated with the mobile station upon the occurrence of the weather alert during the period of time; and

sending the notification of the weather alert to the mobile station if the weather alert matches at least one criteria of the weather criteria profile associated with the mobile station.

10   5.   The method of claim 4, wherein the notification of the weather alert comprises a first notification of a first weather alert, the method further comprising the step of:

withholding from the mobile station a second notification of a second weather alert that fails to match at least one criteria of the weather criteria profile associated

15   with the mobile station.

6.   The method of claim 1, further comprising the steps of:

determining a location of the mobile station upon the occurrence of the weather alert during the time period;

comparing an area associated with the weather alert to the location of the

20   mobile station; and

sending the notification of the weather alert to the mobile station if the location of the mobile station is within the area associated with the weather alert.

7.   The method of claim 6, wherein the step of determining the location of the mobile station upon the occurrence of the weather alert during the time period comprises the step of:

polling the mobile station for the location of the mobile station.

5   8.   The method of claim 1, wherein the step of sending the notification of the weather alert, of the one or more notifications of the one or more weather alerts, to the mobile station upon the occurrence of the weather alert during the time period comprises the steps of:

comparing a time of the occurrence of the weather alert to the time period

10   associated with the mobile station; and

sending the notification of the weather alert to the mobile station if the occurrence of the weather alert happens during the time period.

9.   The method of claim 8, wherein the mobile station comprises a first mobile station, wherein the time period comprises a first time period, the method

15   further comprising the steps of:

comparing the time of the occurrence of the weather alert to a second time period associated with a second mobile station; and

withholding the notification of the weather alert to the second mobile station if the occurrence of the weather alert happened after the second time period.

10.   The method of claim 1, further comprising the steps of:

registering the mobile station upon receipt of the SMS request from the mobile

station; and

sending the notification of the weather alert to the mobile station upon the

5   occurrence of the weather alert during the time period if the mobile station is

registered.

11.   The method of claim 10, further comprising the steps of:

unregistering the mobile station upon expiration of the time period; and

withholding the notification of the weather alert to the mobile station if the

10   mobile station is unregistered.

12.   An apparatus, comprising:

a weather alert notification component that registers a mobile station to receive

a notification of a weather alert during a time period upon receipt of a short message

service (SMS) request from the mobile station;

5   wherein the weather alert notification component sends the notification of the

weather alert to the mobile station upon occurrence of the weather alert during the

time period.

13.   The apparatus of claim 12, wherein the weather alert notification

component comprises a timer that maintains the time period associated with the

10   mobile station, wherein the timer is initialized upon receipt of the SMS request from

the mobile station.

14.   The apparatus of claim 12, wherein the notification of the weather alert

comprises a first notification of a first weather alert;

wherein the weather alert notification component withholds a second

15   notification of a second weather alert from the mobile station upon an occurrence of

the second weather alert after the time period.

15.   The apparatus of claim 12, wherein the weather alert notification component comprises a registration component that manages a registration status of the mobile station for the time period;

wherein the registration component serves to register the mobile station for the time period upon receipt of the SMS request from the mobile station;

wherein the weather alert notification component sends the notification of the weather alert to the mobile station if the mobile station is registered.

16.   The apparatus of claim 15, wherein the registration component serves to unregister the mobile station after an expiration of the time period;

wherein the weather alert notification component withholds the notification of the weather alert from the mobile station if the mobile station is unregistered.

17.   The apparatus of claim 15, wherein the weather alert notification component comprises a timer associated with the mobile station;

wherein upon receipt of the SMS message, the registration component initiates the timer associated with the mobile station, wherein the registration component unregisters the mobile station upon expiration of the time period.

18.   The apparatus of claim 12, wherein the weather alert notification component stores a weather criteria profile established by the mobile station, wherein the weather criteria profile comprises one or more criteria;

wherein the weather alert notification component sends the notification of the weather alert to the mobile station if the weather alert matches at least one criteria of the one or more criteria of the weather criteria profile.

19.   The apparatus of claim 12, wherein the weather alert notification component comprises a locator component;

wherein the locator component determines a location of the mobile station;

wherein the weather alert notification component sends the notification of the

5   weather alert to the mobile station upon the occurrence of the weather alert during the time period if the location of the mobile station is within an area associated with the weather alert.

20.   The apparatus of claim 19, wherein the locator component polls the mobile station to determine the location of the mobile station upon receipt of the

10   weather alert during the time period.

21.   The apparatus of claim 20, wherein the weather alert generator comprises the National Weather Service.

22.   The apparatus of claim 20, wherein the weather alert generator comprises the National Oceanic and Atmospheric Administration.

15   23.   The apparatus of claim 19, wherein the locator component employs a 911-triangulation to determine the location of the mobile station upon receipt of the weather alert during the time period.

24.   The apparatus of claim 19, wherein the area associated with the weather alert comprises a specific area message encoding (SAME) area.

25.   The apparatus of claim 12, further comprising a weather alert generator that issues the weather alert to the weather alert notification component.

26. An article, comprising:

one or more computer-readable signal-bearing media;

means in the one or more media for receiving a short message service (SMS)

request from a mobile station to receive one or more notifications of any one or more

5 weather alerts that occur during a time period; and

means in the one or more media for sending a notification of a weather alert, of

the one or more notifications of the any one or more weather alerts, to the mobile

station upon an occurrence of the weather alert during the time period.

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